

MANUAL OF CROSS-CONNECTION CONTROL

Ninth Edition

USC
UNIVERSITY
OF SOUTHERN
CALIFORNIA

Foundation for Cross-Connection Control
and Hydraulic Research

EXHIBIT

tabbles

3221-21

SECTION 4

Definitions

4.1 Accessible

The term "accessible," when referring to a backflow prevention assembly, shall mean capable of being reached for testing and/or maintenance, but which first may require the removal of an access panel, door, or similar obstruction. (See Readily Accessible.)

4.2 Administrative Authority

The term "administrative authority" shall mean the individual official, board, department, or agency established and authorized by a state, county, city, or other political subdivision created by law to administer and enforce the provisions of the cross-connection control program.

4.3 Air gap

The term "air gap" shall mean a physical separation between the free flowing discharge end of a potable water supply pipeline and an open or non-pressure receiving vessel. An "approved air gap" shall be at least double the diameter of the supply pipe measured vertically above the overflow rim of the vessel — in no case less than 1 inch (2.54 cm). (Additional reference: ASME A112.1.2 - 1991 *Air Gaps in Plumbing Systems*¹.) See Fig. 4.1.

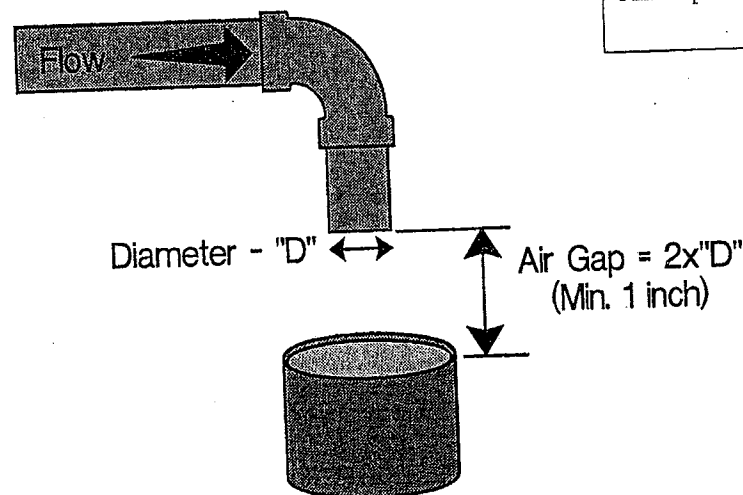


Fig. 4.1
Air Gap

¹ American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017 (212) 705-7736

BACKFLOW PREVENTION ASSEMBLY GENERAL APPLICATIONS *

	Non-Health Hazard (POLLUTANT)		Health Hazard (CONTAMINANT)		Sewage	
	BACKSIPHONAGE	BACKPRESSURE	BACKSIPHONAGE	BACKPRESSURE	BACKSIPHONAGE	BACKPRESSURE
AIR GAP	X	X	X	X	X	X
RP	X	X	X	X		
DC	X	X				
PVB	X		X			
SVB	X		X			
AVB	X		X			

* NOTE: These are general guidelines. Check with local administrative authority(s) for local applications.

TABLE 4-1

BACKFLOW PREVENTION ASSEMBLY GENERAL APPLICATIONS